

ALL ASPECTS OF THE INDUSTRY

The legislation indicates that “all aspects of the industry” means strong experience in, and comprehensive understanding of, the industry that the individual is preparing to enter. Approved career and technical education programs must include the array of occupations and careers that comprises an industry, from the most basic to the most advanced. Curriculum should include principles of technology, labor and community issues, health and safety issues, and environmental issues related to such industry. Students should be able to demonstrate knowledge of the planning, management, finances, technical and production skills for the industry relating to this program. Programs should incorporate state and/or national level industry-related skill standards.

- Instruction includes emphasis on developing problem-solving skills.
- Academic studies should include focus on the mathematics, communications skills (reading and writing), and sciences, in the context of the students’ career pathway, using an applied or contextual approach.
- Students are provided with an understanding of an experience in all aspects of the industry they are exploring or preparing to enter. Curriculum content incorporates community issues related to the industry, environmental issues raised, economic issues, finance, health issues, labor issues, leadership/management, safety, technological skills, marketing, and underlying principles of technology.
- Curriculum organized around broad industry/field (Career Pathway.)
- Students are able to connect/link what they have learned in the Career and Technical Education program in which they are enrolled to the industry/field they are entering.
- Academic subject area teachers and Career Technical Education faculty actively collaborate to plan instructional strategies that put context into content and integrate curriculum.
- All aspects of the curriculum are available to all students in approved CTE programs regardless of their future education and employment plans.